

**From:** [McCarthy, Mindy](#)  
**To:** [Peter Brumm](#); [McQuillan, Jolene](#); [Fernandes, Stephen](#)  
**Subject:** RE: Tobacco, Yaak, Hyalite Nutrient Monitoring SAP  
**Date:** 07/31/2012 09:46 AM

---

Hello-

Thanks for providing the QAPP/SAP. I took a look at the document and have a few notes.

1. It is not specified that AFDW will not be performed on core samples. As specified in our method, we do not process core samples for AFDW because it can give false results due to organics in the sediment samples being ashed. Please ensure that Atkins and Energy are aware that AFDW will not need to be analyzed for core samples.
2. I just wanted to note a deviation from our Periphyton SOP on the sample preservation. According to our SOP, periphyton samples are preserved with formalin; Atkins will be using Lugol's (IKI) which is an approved preservation method in Standard Methods.

I don't think there needs to be any edits to the QAPP/SAP – all looks good to me.

Thanks-  
Mindy

---

Mindy McCarthy  
Quality Manager  
Water Quality Planning Bureau  
Montana DEQ  
[MMccarthy3@mt.gov](mailto:MMccarthy3@mt.gov)  
406.444.6754

---

**From:** Peter Brumm [mailto:[Brumm.Peter@epamail.epa.gov](mailto:Brumm.Peter@epamail.epa.gov)]  
**Sent:** Monday, July 30, 2012 4:44 PM  
**To:** McQuillan, Jolene; McCarthy, Mindy; Fernandes, Stephen  
**Subject:** Fw: Tobacco, Yaak, Hyalite Nutrient Monitoring SAP

Hi DEQ'ers:

Because of the packed schedule this summer we only had a rough draft of the SAP when ATKINS did the first round of sampling in the Tobacco and Yaak the week of July 9-13. Here is a more finalized version. Please let me know if you see any errors. I tried to incorporate the data processing steps some of you commented on earlier from the Lake Helena metals SAP. Thanks for all your patience working through this process with ATKINS. Let me know if there are any issues or coordination that needs to be improved upon.

**The file was too big so I sent it to each of you on ePass. Look for a notification soon.**

Peter Brumm  
U.S. Environmental Protection Agency

Region 8, Montana Office  
10 West 15th Street, Suite 3200  
Helena, MT 59626  
(406)457-5029

----- Forwarded by Peter Brumm/MO/R8/USEPA/US on 07/30/2012 04:38 PM -----

## Delivery Failure Report

Your message:  
was not delivered  
to:  
because:

Tobacco, Yaak, Hyalite Nutrient Monitoring SAP  
[Mmccarthy3@mt.gov](mailto:Mmccarthy3@mt.gov), [dkron@mt.gov](mailto:dkron@mt.gov), [jmcquillan@mt.gov](mailto:jmcquillan@mt.gov), [sfernandes@mt.gov](mailto:sfernandes@mt.gov)  
message size 14916121 exceeds size limit 10485760 of server 161.7.8.28[161.7.8.28]

### What should you do?

- You can resend the undeliverable document to the recipients listed above by choosing the Resend button or the Resend command on the Actions menu.
- Once you have resent the document you may delete this Delivery Failure Report.
- If resending the document is not successful you will receive a new failure report.
- Unless you receive other Delivery Failure Reports, the document was successfully delivered to all other recipients.
- 

▼ Routing path

EPAHUB13/USEPA/US, EPAMAILR812/USEPA/US

To: <[Mmccarthy3@mt.gov](mailto:Mmccarthy3@mt.gov)>, <[jmcquillan@mt.gov](mailto:jmcquillan@mt.gov)>, <[sfernandes@mt.gov](mailto:sfernandes@mt.gov)>, <[dkron@mt.gov](mailto:dkron@mt.gov)>  
cc:  
Date: 04:21:23 PM CST Today  
Subject: Tobacco, Yaak, Hyalite Nutrient Monitoring SAP